

Recombinant Full Length Human GATC Protein, GST-tagged

Cat. No. GATC-5478HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GATC full-length ORF (NP_789788.1, 1 a.a. - 136 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	136 amino acids
Description	GATC (Glutamyl-TRNA Amidotransferase Subunit C) is a Protein Coding gene. Among its related pathways are Metabolism and tRNA Aminoacylation. GO annotations related to this gene include glutamyl-tRNA synthase (glutamine-hydrolyzing) activity. An important paralog of this gene is ENSG00000111780.
Molecular Mass	41.5 kDa
AA Sequence	MWSRLVWLGLRAPLGGRQGFTSKADPQGSGRITAAVIEHLERLALVDFGSREAVAR LEKAIAFADRLRAVDTDGVEPMESVLEDRCLYLRSNDNVVEGNCADELLQNSHRVVE EYFVAPPGNISLPKLDEQEPFPHS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	GATC glutamyl-tRNA amidotransferase subunit C [Homo sapiens (human)]
Official Symbol	GATC
Synonyms	GATC; glutamyl-tRNA amidotransferase subunit C; 15E1.2; glutamyl-tRNA(Gln) amidotransferase subunit C, mitochondrial; glu-AdT subunit C; glutamyl-tRNA(Gln) amidotransferase, subunit C homolog; EC 6.3.5.-
Gene ID	283459
mRNA Refseq	NM_176818
Protein Refseq	NP_789788
MIM	617210
UniProt ID	O43716

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